

CEDAR FALLS FMGP
SAMPLE ANALYSIS MAILING LIST

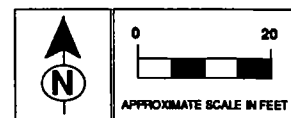
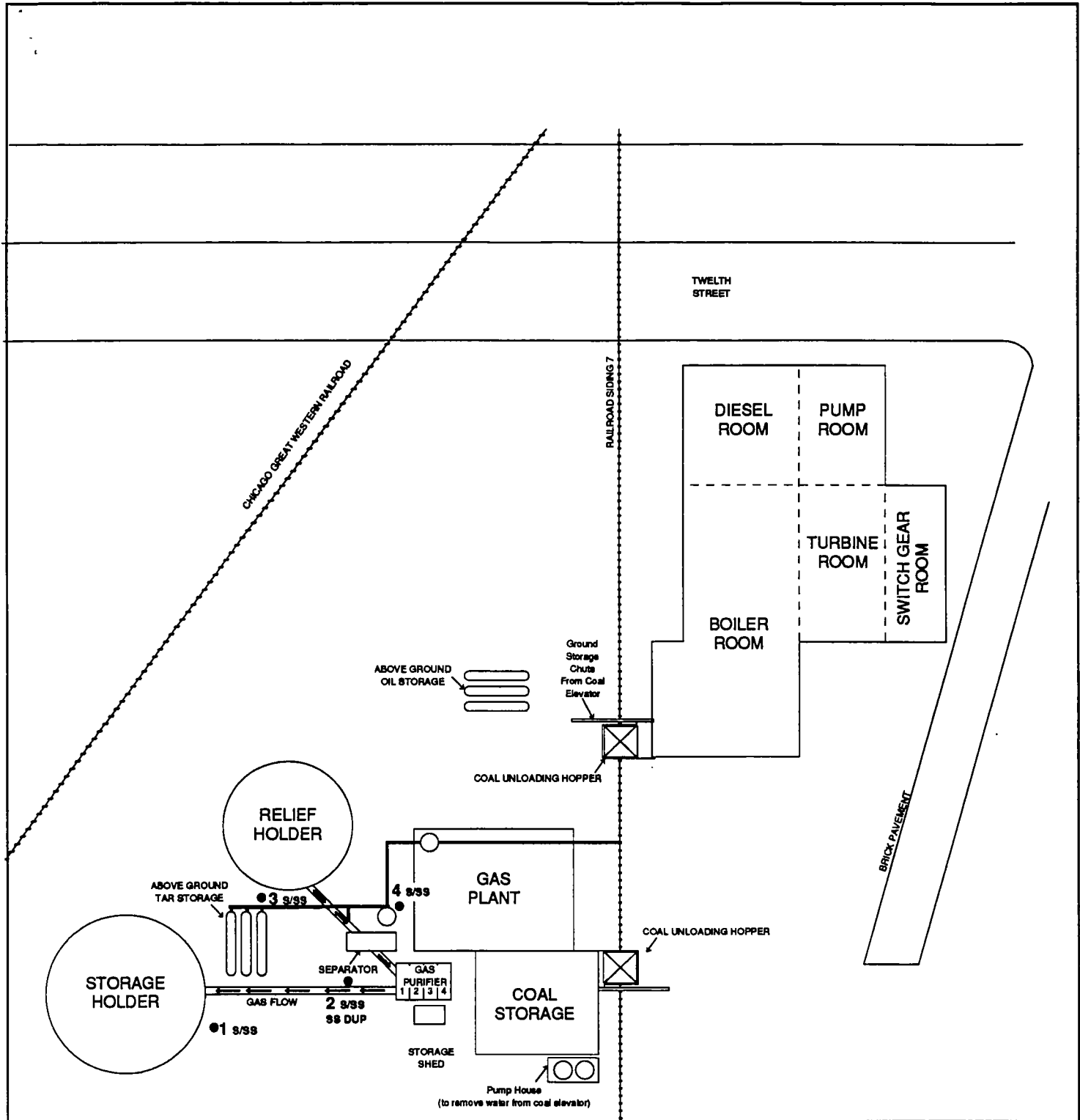
RECEIVED
SEP 04 1991
REME SECTION

All analytical data for soil and water samples collected at the Cedar Falls FMGP site should be mailed to the following address:

Mr. David R. Rusley, P.E.
Electric Production Manager
Cedar Falls Utilities
612 E. 12th Street, Box 769
Cedar Falls, Iowa 50613

Cedar Falls FMGP
IAD 984571117
Box 1.3
Other *update*
9-4-91





LEGEND

- Sample Locations
 - s Shallow Surface Sample
 - ss Subsurface Sample
- Background Sample Locations to be chosen in the field

Note: No Structures associated with the former coal gasification plant are presently standing

FIGURE DESCRIPTION:

SSI SAMPLE LOCATION MAP

WORK ASSIGNMENT NO.

SITE NAME/LOCATION

SSI
CEDAR FALLS, IOWA

JACOBS PROJECT NO.

10-D242-04



JACOBS ENGINEERING GROUP INC.

ARCS

DRAWN BY: DJK

DATE: 8/29/91

CHECKED BY: BA

DATE: 8/29/91

FIGURE NO.

1

**CEDAR FALLS FMGP
CERCLIS NO. IAD984571117
SAMPLE SUMMARY FOR SHALLOW SURFACE (S) AND SUBSURFACE SOILS (SS)**

| ANALYTICAL PARAMETER | TOTAL METALS & CYANIDE (RAS) | VOLATILE ORGANICS (RAS) | SEMI-VOLATILE ORGANICS (RAS) | |
|-------------------------|---------------------------------------|--|--|----------------------------|
| Concentration Level | Low | Low | Low | |
| Packaging Level | Low/Medium | Low/Medium | Low/Medium | |
| Preservation | Cool to 4 °C | Cool to 4 °C | Cool to 4 °C | |
| Technical Holding Time | 6 months (except mercury, 28 days) | 14 days (except aromatics, 7 days) | 7 days for extraction; 40 days thereafter | |
| Required Sample Volume | Container completely full | Container completely full NO HEADSPACE | Container completely full NO HEADSPACE | |
| SAMPLE IDENTIFICATION | No. of 8 oz. wide mouth glass jars | No. of 40 ml VOA vials | No. of 8 oz. wide mouth glass jars | TOTAL No. of Containers |
| (1S) DSX72-001 | 1 | 2 | 1 | 4 |
| (1SS) DSX72-002 | 1 | 2 | 1 | 4 |
| (3S) DSX72-003 | 1 | 2 | 1 | 4 |
| (3SS) DSX72-004 | 1 | 2 | 1 | 4 |
| (4S) DSX72-005 | 1 | 2 | 1 | 4 |
| (4SS) DSX72-006 | 1 | 2 | 1 | 4 |
| (2S) DSX72-007 | 1 | 2 | 1 | 4 |
| (2SS) DSX72-008 | 1 | 2 | 1 | 4 |
| (2SS Dup) DSX72-009 | 1 | 2 | 1 | 4 |
| (Trip Blank) DSX72-010F | 0 | 2 | 0 | 2 |
| (BKG) DSX72-101 | 1 | 2 | 1 | 4 |
| TOTAL | 10 | 22 | 10 | 42 |

* The ARCS contractor supplied split samples to Cedar Falls Utility Co.
BKG - Background soil sample location

CEDAR FALLS FMGP
CERCLIS NO. IAD984571117
SAMPLE ANALYSIS SUMMARY FOR GROUNDWATER SAMPLES (W)

| ANALYTICAL PARAMETER | TOTAL METALS (RAS) | VOLATILE ORGANICS (RAS) | SEMI-VOLATILE ORGANICS (RAS) | CYANIDE (RAS) | |
|-------------------------------|--|--|--|---|----------------------------|
| Concentration Level | Low | Low | Low | Low | |
| Packaging Level | Low | Low | Low | Low | |
| Preservation | Add Nitric Acid pH <2 Cool to 4 °C | Place in a cubitainer with activated carbon Cool to 4 °C | Store in dark Cool to 4 °C | Cool to 4 °C NAOH to pH >12 | |
| Technical Holding Time | 6 months (except mercury, 28 days) | 14 days (except aromatics, 7 days) | 7 days for extraction; 40 days thereafter | 24 hrs if sulfide is present; otherwise 14 days | |
| Required Sample Volume | Container completely full | Container completely full NO HEADSPACE | Container completely full | Container completely full | |
| SAMPLE IDENTIFICATION | No. of 1-L Cubitainers | No. of 40 ml VOA vials | No. of 80 oz. Amber Glass with PTE Cap | No. of 1-L Cubitainers | TOTAL No. of Containers |
| (On-Site Well #3) DSX72-103 | 1 | 2 | 1 | 1 | 5 |
| (Municipal Well #2) DSX72-104 | 1 | 2 | 1 | 1 | 5 |
| (Trip Blank) DSX72-105 | | 2 | | | 2 |
| (Rinsate Blank) DSX72-106 | 1 | 2 | 1 | 1 | 5 |
| TOTALS | 3 | 8 | 3 | 3 | 17 |

* The ARCS contractor supplied split samples to Cedar Falls Utility Co.